



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hilda E. Smith

Patent No.: 7,125,548 B2

Issued: October 24, 2006

For: STREPTOCOCCUS SUI S VACCINES
AND DIAGNOSTIC TESTS

Attorney Docket No.: 2183-4726US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 15, 2006
Date

Denise Dyer
Signature

Denise Dyer
Name (Type/Print)

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR APPLICANT'S MISTAKES (37 C.F.R. § 1.323) AND
PATENT OFFICE MISTAKES (37 C.F.R. § 1.322)**

Attn.: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate

DEC 22 2006

of Correction

Sir:

It is noted that a combination of Applicant and Patent Office errors appear in this patent of a typographical nature or character and correction thereof does not involve such changes in the patent as would constitute new matter or would require reexamination. A certificate of correction in the form attached hereto is requested.

Please send the Certificate to:

Name: Allen C. Turner
Address: TraskBritt
P.O. Box 2550
Salt Lake City, Utah 84110

The fee of \$100.00 as required by 37 C.F.R. § 1.20(a) is enclosed.

12/21/2006 HUUONG1 00000003 7125548

01 FC:1811

100.00 OP

DEC 26 2006

Copied from 09769041 on 01/24/2007

Attached hereto in duplicate is Form PTO/SB/44 with at least one copy being suitable for printing.

Respectfully submitted,



Allen C. Turner
Registration No. 33,041
Attorney for Applicant(s)
TRASKBRITT
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: December 15, 2006
ACT/csw

Enclosures: PTO/SB/44 in duplicate
Check No. 23371 in the amount of \$100.00

Document in ProLaw

DEC 26 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2
DATED : October 24, 2006
INVENTOR(S) : Hilda Elizabeth Smith

Page 1 of 2

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page:

In the section (73) Assignee: change "Lelystad (NL)" to --Wageningen (NL)--

In the specification:

COLUMN 9, LINE 19,	change "according the invention" to --according to the invention--
COLUMN 16, LINE 21,	change "pended. in EMEM" to --pended in EMEM--
COLUMN 17, LINE 13,	change "(FIG. 1, part A, FIG. 1, part A)." to --(FIG. 1, part A).--
COLUMN 18, LINE 15,	change "IgtI)" to --IgtD--
COLUMN 18, LINE 42,	change " <i>S. suis</i> " to -- <i>S. suis</i> --
COLUMN 20, LINE 24,	change "nnregions" to --regions--
COLUMN 20, LINES 48, 49	change " <i>Actinobacillus actinomyceterncomitans</i> " to -- <i>Actinobacillus actinomycetemcomitans</i> --
COLUMN 21, LINE 14,	change "typespecific CpS" to -- type-specific cps--
COLUMN 24, LINE 42,	change "cps14F-and cps14G-like" to --cps14F- and cps14G-like--
COLUMN 36, LINE 20,	change " <i>Lactococcus lactis EspG</i> " to -- <i>Lactococcus lactis EspG</i> --
COLUMN 43, LINE 11,	change "zeijst," to --Zeijst,--

MAILING ADDRESS OF SENDER:

Allen C. Turner
230 South 500 East, Suite 300
Salt Lake City, Utah 84102 USA

PATENT NO. 7,125,548 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 3.

Copied from 09769041 on 01/24/2007

DEC 26 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 7,125,548 B2
DATED : October 24, 2006
INVENTOR(S) : Hilda Elizabeth Smith

Page 2 of 2

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification (continued):

COLUMN 43, LINE 35,	change "plasmnid" to --plasmid--
COLUMN 44, LINE 16,	change " <i>Streptococcus suis</i> " to -- <i>Streptococcus suis</i> --
COLUMN 44, LINE 33,	change "plasinid-encoded" to --plasmid-encoded--

In the claims:

CLAIM 10, COLUMN 138, LINE 36,	change "epsE gene encoding" to --cpsE gene encoding--
CLAIM 10, COLUMN 138, LINE 37,	change "for in SEQ ID NO:16." to --forth in SEQ ID NO:16.--

MAILING ADDRESS OF SENDER:

PATENT NO. 7,125,548 B2

Allen C. Turner
230 South 500 East, Suite 300
Salt Lake City, Utah 84102 USA

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8156 and select option 2.

Copied from 09769041 on 01/24/2007

DEC 26 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2
DATED : October 24, 2006
INVENTOR(S) : Hilda Elizabeth Smith

Page 1 of 2

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page:

In the section (73) Assignee: change "Lelystad (NL)" to --Wageningen (NL)--

In the specification:

COLUMN 9, LINE 19,	change "according the invention" to --according to the invention--
COLUMN 16, LINE 21,	change "pended. in EMEM" to --pended in EMEM--
COLUMN 17, LINE 13,	change "(FIG. 1, part A, FIG. 1, part A)." to --(FIG. 1, part A).--
COLUMN 18, LINE 15,	change "IgtI)" to --IgtD--
COLUMN 18, LINE 42,	change " <i>S. suis</i> " to -- <i>S. suis</i> --
COLUMN 20, LINE 24,	change "nnregions" to --regions--
COLUMN 20, LINES 48, 49	change " <i>Actinobacillus actinomycetemcomitans</i> " to -- <i>Actinobacillus actinomycetemcomitans</i> --
COLUMN 21, LINE 14,	change "typespecific CpS" to -- type-specific cps--
COLUMN 24, LINE 42,	change "cps14F-and cps14G-like" to --cps14F- and cps14G-like--
COLUMN 36, LINE 20,	change " <i>Lactococcus lactis EspG</i> " to -- <i>Lactococcus lactis EspG</i> --
COLUMN 43, LINE 11,	change "zeijst," to --Zeijst,--

MAILING ADDRESS OF SENDER:

Allen C. Turner
230 South 500 East, Suite 300
Salt Lake City, Utah 84102 USA

PATENT NO. 7,125,548 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Copied from 09769041 on 01/24/2007

DEC 26 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 7,125,548 B2
DATED : October 24, 2006
INVENTOR(S) : Hilda Elizabeth Smith

Page 2 of 2

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification (continued):

COLUMN 43, LINE 35,	change "plasmnid" to --plasmid--
COLUMN 44, LINE 16,	change " <i>Streptococcus suis</i> " to -- <i>Streptococcus suis</i> --
COLUMN 44, LINE 33,	change "plasinid-encoded" to --plasmid-encoded--

In the claims:

CLAIM 10, COLUMN 138, LINE 36,	change "epsE gene encoding" to --cpsE gene encoding--
CLAIM 10, COLUMN 138, LINE 37,	change "for in SEQ ID NO:16." to --forth in SEQ ID NO:16.--

MAILING ADDRESS OF SENDER:

PATENT NO. 7,125,548 B2

Allen C. Turner
230 South 500 East, Suite 300
Salt Lake City, Utah 84102 USA

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-5199 and select option 2.

Copied from 09769041 on 01/24/2007

DEC 26 2006